

**To:** Crowley, Jeffery[Crowley.Jeffery@epa.gov]  
**From:** Rigger, Don  
**Sent:** Wed 8/12/2015 6:55:17 PM  
**Subject:** RE: Henry's knob RE: URGENT: We need to develop a list by the end of this week

Thanks

**From:** Crowley, Jeffery  
**Sent:** Wednesday, August 12, 2015 2:40 PM  
**To:** Rigger, Don; Taylor, Dawn  
**Cc:** Young, Nestor; Zeller, Craig  
**Subject:** Re: Henry's knob RE: URGENT: We need to develop a list by the end of this week

All,

Craig and I were talking on a break and can give some basic info. Let me know if this will work.

Site - Henry's Knob

Location - Clover, SC

Mine Features - Former kyanite mine. The Site is broken up into 9 Areas of Concern (AOCs). There are several tailings impoundments, an area of waste rock, and the former mine pit.

Features Containing Water - The only area that continually contains water is the mine pit which has an area of 7 acres; it is contained and none of the water comes into contact with any tailings. The dams for the tailings ponds were just studied this past spring and minimal work will need to be conducted, later this year.

And, there are no controls or hydraulic issues.

As Dawn stated, all of my files are back at the office, but hopefully this will be enough. Thanks.

**Jeffery J. Crowley | Remedial Project Manager**

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**From:** Rigger, Don  
**Sent:** Wednesday, August 12, 2015 2:08 PM  
**To:** Crowley, Jeffery; Taylor, Dawn  
**Cc:** Young, Nestor; Zeller, Craig  
**Subject:** RE: Henry's knob RE: URGENT: We need to develop a list by the end of this week

By Friday

**From:** Crowley, Jeffery  
**Sent:** Wednesday, August 12, 2015 1:58 PM  
**To:** Taylor, Dawn  
**Cc:** Rigger, Don; Young, Nestor; Zeller, Craig  
**Subject:** Re: Henry's knob RE: URGENT: We need to develop a list by the end of this week

Craig is teaching my training!

When do you need the answer?

**Jeffery J. Crowley**

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On Aug 12, 2015, at 1:54 PM, Taylor, Dawn <[Taylor.Dawn@epa.gov](mailto:Taylor.Dawn@epa.gov)> wrote:

Jeff is on travel through Friday (training in NYC), so I am not sure if he will be able to do this for Henry's Knob – I copied Craig on this because I am hoping he can answer the questions in case Jeff can't or doesn't have access to docs he might need

Dawn

**From:** Rigger, Don  
**Sent:** Wednesday, August 12, 2015 1:01 PM  
**To:** Teichert, Candice; Young, Nestor; Carr, Lofton; Crowley, Jeffery  
**Cc:** Taylor, Dawn  
**Subject:** RE: URGENT: We need to develop a list by the end of this week

RPMs:

Please provide a word document on your site with the info requested below (highlighted in yellow). Sites are CB, Ore Knob, Brewer, Barite, Henrys Knob. Send the document to me and Nestor. Thanks

**From:** Teichert, Candice  
**Sent:** Wednesday, August 12, 2015 12:33 PM  
**To:** Young, Nestor; Rigger, Don  
**Subject:** FW: URGENT: We need to develop a list by the end of this week  
**Importance:** High

FYI.

**From:** Mahmud, Shahid  
**Sent:** Wednesday, August 12, 2015 12:32 PM

**To:** 'Adam, Kathleen -FS'; Banipal, Ben; Bertrand, Charlotte; Cooke, Maryt; [David.Geiser@Hq.Doe.Gov](mailto:David.Geiser@Hq.Doe.Gov); Deitz, Randy; 'Edge, Russel'; 'Jackson, Larry'; Ludwig, Scott A - FS; Mahmud, Shahid; [mbmiller@blm.gov](mailto:mbmiller@blm.gov); [patricia.temple@hq.doe.gov](mailto:patricia.temple@hq.doe.gov); Price, Lisa; Richardson, RobinH; Shafer, David; Snyder, Raquel; [steven.miller@hq.doe.gov](mailto:steven.miller@hq.doe.gov); Tenley, Clancy; [Thomas.Pauling@Hq.Doe.Gov](mailto:Thomas.Pauling@Hq.Doe.Gov); Walker, Stuart; Ergener, Deniz; Mackey, Cyndy; Adams, Bill; Autrey, Brad; Aycock, Jim; Baumgarten, Gary; Bless, Diana; Butler, Barbara; Carr, Lofton; Chadwick, Dan; Cherepy, Andrea; Conway, Bette; Cozza, Daniel; Cruz, Francisco; Desai, Sheila; Deschambault, Lynda; Devito, Steve; DiCosmo, Nefertiti; Dixon, Douglas; Doolan, Mark; Forren, John; Forrest, Sabrina; Geselbracht, Jeanne; Godsey, Cindi; Goodrick, John; Grandinetti, Cami; Hanley, Jim; Hardy, Michael; Hathaway, Ed; Hillenbrand, John; Hood, Lynne; Housman, Van; Hudiburgh, Gary; Jackson, Brad; Jenkins, Joy; Jessop, Carter; Byrne, Jim; Johnson, Brent; Long, Larry; Lavaty, Ann; Lazorchak, Jim; Lensink, Andy; Lesser, Ben; Ellis, Lisa; Low, Seth; Mahmud, Shahid; Mahoney, Michele; Manoyan, Simon; Marcy, Ken; Mayer, Kevin; Miller, Anna; Egidi, Philip; Progeess, Christina; Purcell, Mark; Riley, Gary; Root, Charlie; Roy, Stephen; Russell, Carol; Teichert, Candice; Teitelbaum, Daniel; Tiago, Joseph; Tomten, Dave; Watt, Jamey; Wilkening, Matt

**Subject:** URGENT: We need to develop a list by the end of this week

**Importance:** High

Folks,

I am working at the Emergency Operations Center related to the Gold King Mine spill. As you know, Gina McCarthy is in Colorado and meeting with three attorney generals. Jim Woolford is going to have a call with the Division Directors and will be sending out an email stating the following:

While we continue to investigate the root causes of last week's release of mining waste at the Gold King Mine in Colorado, we are instructing our Regions to immediately cease any field investigation work at mines including tailings facilities. We are conducting an investigation of the factors that led to last week's incident. Based on the lessons learned from that investigation, we will determine what guidance may be necessary to avoid similar incidents at other sites. While we stand down on existing field investigations and assessments at these mining sites, we also are instructing our Regions to identify existing sites with similarities to the Gold King Mine site to identify any immediate threats and appropriate response actions.

In the meantime the NMT has been tasked to come up with an inventory of sites that have ongoing or future assessments with features containing fluids (mine workings, tailings dams, open pits, heap leaches). So we need to develop a matrix

of sites with the following fields:

Site Name

Location

Mine Features

Features containing water

Do the mine bearing features have:

Controls in-place (plugs, hydraulic drawdown)

No controls in place

No hydraulic issues

There may be more information but I need to jump on to another call. Thanks!

Shahid Mahmud  
Team Leader  
EPA Abandoned Mine Lands Team  
703-603-8789